Message

From: Adair, Jillian [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=31271D1C6F7648DC8418C8FF305499B4-ADAIR, JILL]
Sent: 11/28/2018 3:57:58 PM
To: Yudnich, Nathan [nyudnich@msudenver.edu]
Subject: RE: trash debris TDML's

Hi Nathan,

Thank you for reaching out. We received a ton of data related to trash loading rates to the Anacostia River. We also used a lot of similar data to develop the original trash TMDL for the Anacostia (2010). Please visit the link below for the original TMDL report if you'd like to familiarize yourself with the previous work done in the Anacostia.

https://mde.maryland.gov/programs/Water/TMDL/ApprovedFinalTMDLs/Documents/Anacostia_River/Trash/Anacostia_Trash_TMDL_081010_final.pdf

If you'd like, feel free to give me a call so we can discuss the data and information that you're looking for in greater detail. I think I need to understand your project a bit better before I send you an endless amount of data.

Thank you,

Jillian Adair
TMDL/303d/WQS/Data Management Coordinator
Office of Standards, Assessments, and TMDLs
Water Protection Division
U.S. Environmental Protection Agency, Region 3
Phone: (215) 814-5713
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From: Yudnich, Nathan <nyudnich@msudenver.edu>
Sent: Friday, November 16, 2018 2:10 PM
To: Adair, Jillian <adair.jillian@epa.gov>
Subject: trash debris TDML's

Hello Jillian,

I am a water studies student in Denver Colorado (at MSU Denver). I was just reading a report about the Anacostia River Watershed, where the EPA is trying to determine TDML's for trash, noted "*EPA seeks any studied, surveys or other statistically significant information on the quantities of trash that would interfere with the general population's use and enjoyment of the river for purposes such as swimming, boating, and fishing.*"

I am with a team of students in Colorado who have been trying to do similar studies, for the Cherry Creek watershed in Denver. With our research we were able to get an actual number for the concentration of trash in the Creek, (the weight of trash per volume of water). Our data

shows that this number is 5 micro gram per liter (ill attach our report). Keep in mind this number is with fairly limited data, but is the best number we have at the moment.

The reason I am emailing you is because im interested in any data you have collected.

I think our research could go further. I believe it could be possible to establish numbers for trash concentrations in rivers, given the watershed, using data like population, land usage, precipitation, etc...

Did you get any good data for any values of trash in the Anacostia River?

Thanks for your time,

-Nathan Yudnich